

FIG. 1

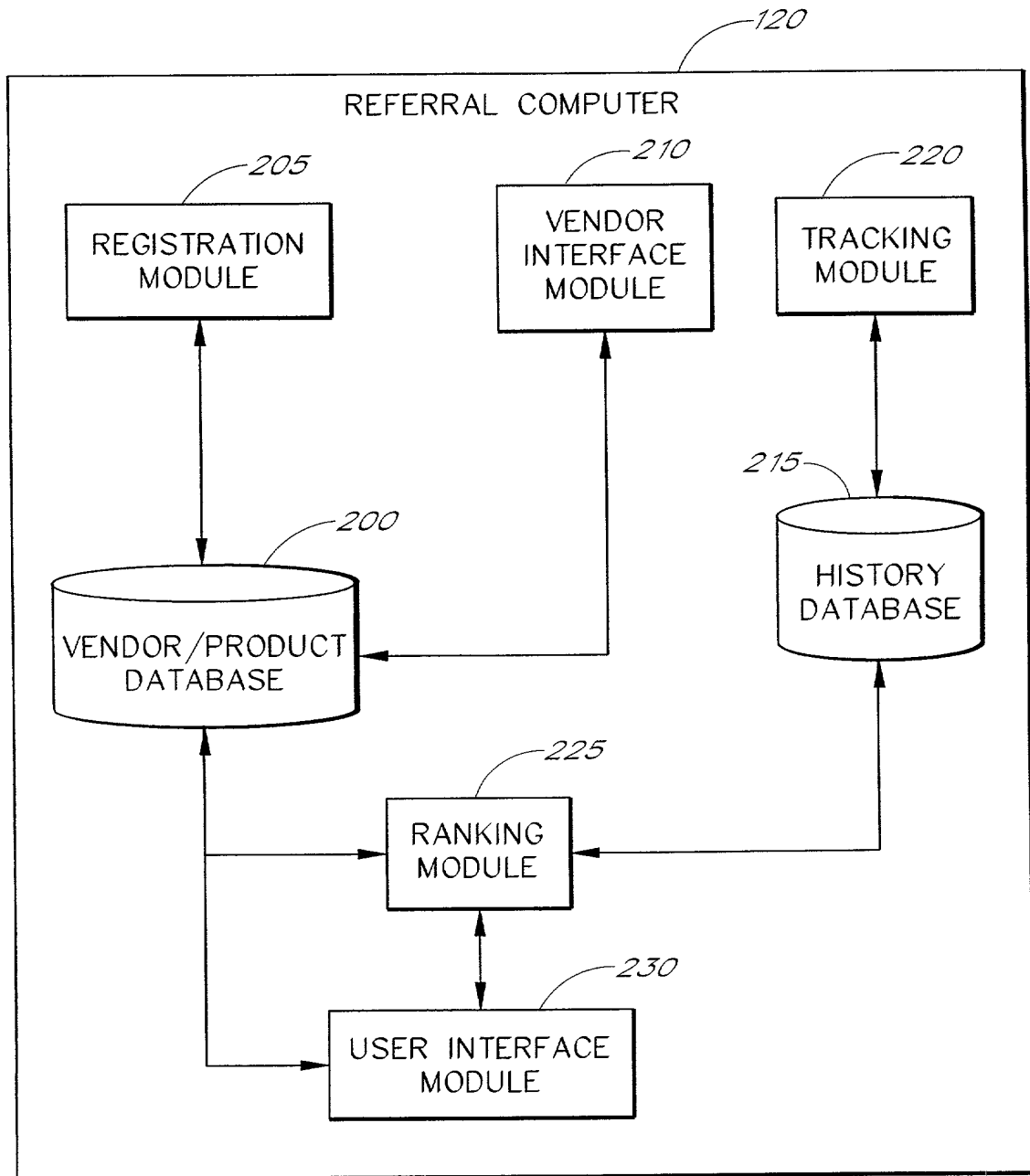


FIG. 2

300

ATTRIBUTE TABLE	
FIELD	
ATTRIBUTE ID	302
GROUP ID	304
NAME	306
VALUE	308

FIG. 3A

310

ATTRIBUTE GROUP TABLE	
FIELD	
GROUP ID	304
CATEGORY ID	312
NAME	306
TYPE	314

FIG. 3B

316

CATEGORY TABLE	
FIELD	
CATEGORY ID	312
PARENT ID	318
NAME	306
CATEGORY NOUN	319

FIG. 3C

318

CATEGORY BID TABLE

FIELD
VENDOR ID
CATEGORY ID
CLICK BID
PURCHASE BID
PURCHASE FRACTION

FIG. 3D

328

CATEGORY SYNONYM TABLE

FIELD
CATEGORY ID
SYNONYM

FIG. 3E

332

DENORMAL TABLE

FIELD
PRODUCT ID
VENDOR ID
PRICE
AVAILABILITY
START TIME
END TIME
CLICK URL
CLICK LIKELIHOOD
BUY LIKELIHOOD
REBATE AMOUNT
REBATE TYPE
MANUFACTURER ID
NAME
EXPECTED REVENUE

334

320

336

338

340

342

344

346

348

347

349

350

306

352

FIG. 3F

354

MANUFACTURER TABLE

FIELD
MANUFACTURER ID
NAME

350

306

FIG. 3G

OFFER TABLE

356

FIELD
PRODUCT ID
VENDOR ID
PRICE
AVAILABILITY
START TIME
END TIME
CLICK URL
CLICK LIKELIHOOD
BUY LIKELIHOOD
REBATE AMOUNT
REBATE TYPE

334
320
336
338
340
342
344
346
348
347
349

FIG. 3H

PRODUCT TABLE

358

FIELD
PRODUCT ID
MANUFACTURER ID
MODEL NUMBER
NAME
IMAGE URL

334
350
360
306
364

FIG. 3I

PRODUCT ATTRIBUTE TABLE

366

FIELD
PRODUCT ID
ATTRIBUTE ID

334
302

FIG. 3J

PRODUCT BID TABLE

368

FIELD
VENDOR ID
PRODUCT ID
CLICK BID
PURCHASE BID
PURCHASE FRACTION
CATEGORY ID

320

334

322

324

326

312

FIG. 3K

376

PRODUCT CATEGORY TABLE

FIELD
PRODUCT ID
CATEGORY ID

334

312

FIG. 3L

378

PRODUCT DESCRIPTION TABLE

FIELD
PRODUCT ID
DESCRIPTION

334

380

FIG. 3M

382

PRODUCT KEYWORD TABLE

FIELD
PRODUCT ID
KEYWORD

334

384

FIG. 3N

386

VENDOR TABLE

FIELD	
VENDOR ID	320
NAME	306
URL	388
LOGO IMAGE URL	390
ACCOUNT ID	402

FIG. 30

VENDOR ACCOUNT TABLE

404

FIELD	
ACCOUNT ID	402
CONTACT LAST NAME	406
CONTACT FIRST NAME	408
CONTACT MIDDLE INITIAL	410
CONTACT PHONE	412
CONTACT FAX	414
CONTACT E-MAIL	416
CONTACT ADDRESS 1	418
CONTACT ADDRESS 2	420
CONTACT CITY	422
CONTACT STATE	424
CONTACT ZIP	426
CONTACT COUNTRY	428
USER NAME	430
PASSWORD	432
BILLING LAST NAME	434
BILLING FIRST NAME	436
BILLING MIDDLE INITIAL	438
BILLING PHONE	440
BILLING ADDRESS 1	444
BILLING ADDRESS 2	446
BILLING CITY	448
BILLING STATE	450
BILLING ZIP	452
BILLING COUNTRY	454
BILLING E-MAIL	456

FIG. 3P

460

SPREAD REQUEST TABLE

FIELD
ACCOUNT ID
VENDOR ID
UPLOAD NAME
STORAGE NAME
UPLOAD TIMESTAMP

FIG. 3Q

470

CRAWL REQUEST TABLE

FIELD
ACCOUNT ID
VENDOR ID
CRAWL URL

FIG. 3R

500

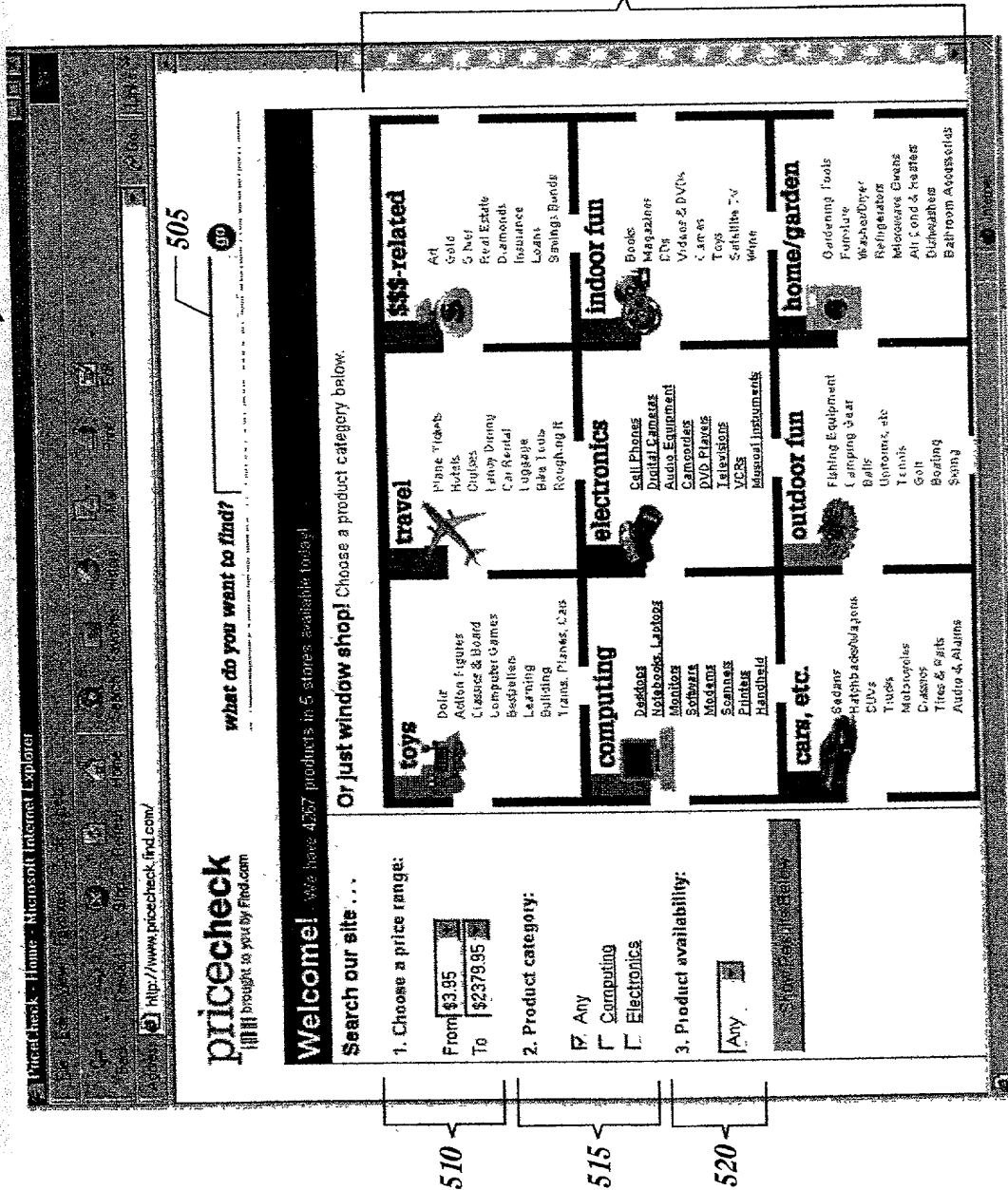
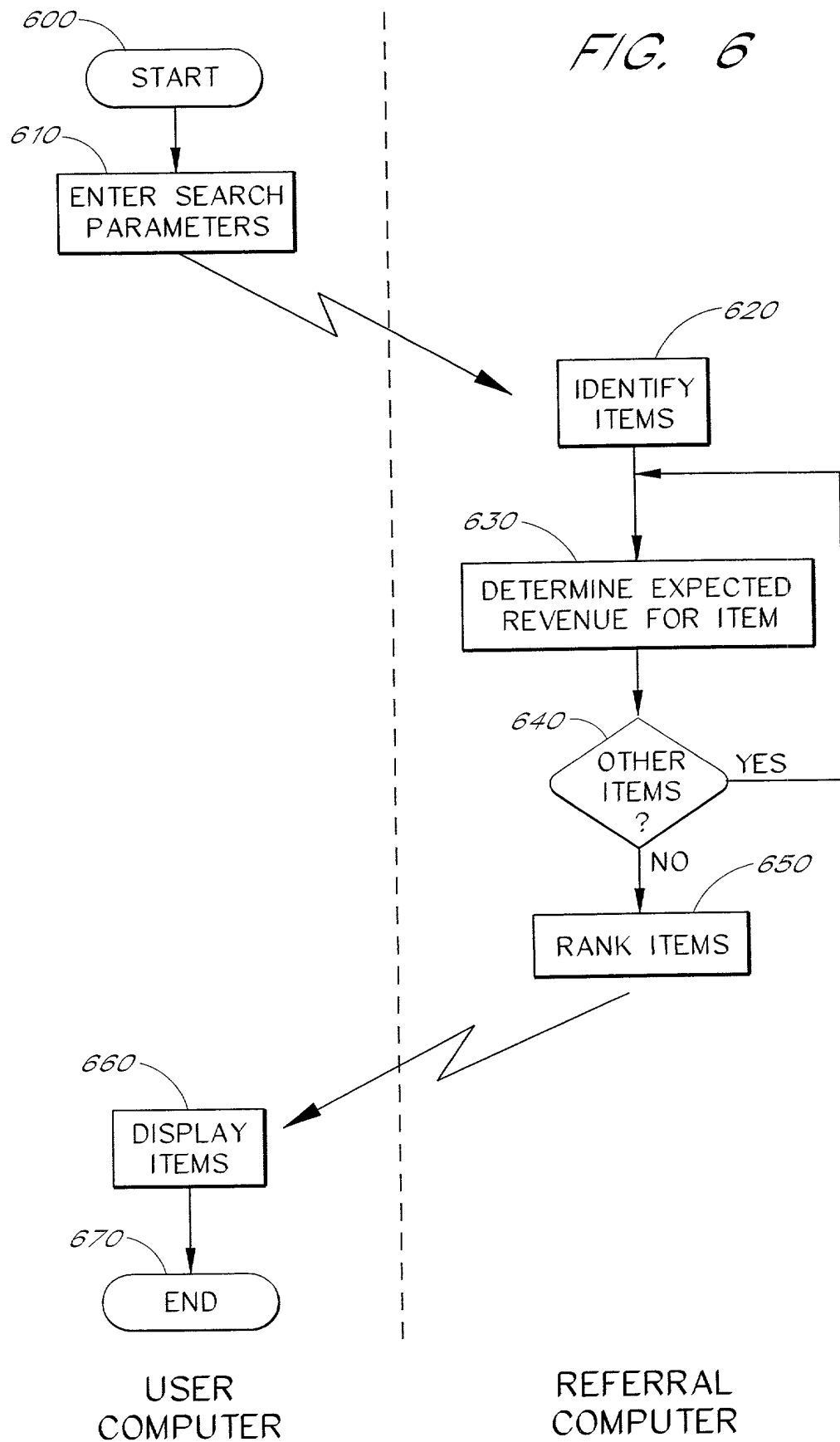


FIG. 4

Rank		Product	Description	Retailer	Price
1	20TH CENTURY FOX ENTERTAINMENT FOX SPORTS GOLF '99 WIN		Fox Sports Golf '99 for Windows is a golf game with eight challenging courses. It features intuitive controls that are easy to learn and an advanced 3D playing environment. Features: * Inclusive Aerial Map Overview for precision tee off and shot placement * Precision every hill and valley before you take a swing * Adjustable free floating camera POV * Intuitive Controls	NECX	\$3.95
2	BRODERBUND SOFTWARE INC CLICKART 40K STARTER IMAGE PAK WIN		This is the full version of Clickart 40,000 Starter Image Pak for a single user. This edition runs on Windows systems. The Clickart team of design experts has created the unique collection of images and fonts for use in newsletters, reports, letters, greeting cards, presentations, signs and much more! All of the content is painstakingly quality checked, hand colored and optimized.	NECX	\$5.95
3	LIVE PICTURE COMPANY SOHO V2.0 WIN		This is the full version of Soho 2.0 for a single user. This edition runs on Windows systems. There are 7 million small businesses in the United States and every one of them wants to stand out from the rest. Well, now you can with Soho the first software application designed to help your small business create professional-quality business materials using your photos. From innovative marketing materials to business cards, Soho 2.0 has everything you need.	NECX	\$5.95
4	DISNEY COMPUTER SOFTWARE TOY STORY 2 PRINT STUDIO WIN		This is the full version of Toy Story 2 Print Studio for single users. This version runs on Windows systems. If you like Toy Story, you'll love Toy Story 2 Print Studio. Choose from hundreds of high-quality Toy Story 2 exclusive images inspired by the film to you create and personalize your own print projects for school, friends and family, or special occasions. Make stickers, greeting cards.	NECX	\$7.95
5	20TH CENTURY FOX ENTERTAINMENT X-FILES UNRESTRICTED ACCESS MAC/WIN		This is the full version of X-Files Unrestricted Access for a single user. This edition runs on Windows and Macintosh systems. The definitive X-Files resource is here. You've had the info, a highly classified government web site giving you Unrestricted Access to The X-Files. It includes a powerful search engine to browse and comb through dossiers assembled on characters.	NECX	\$7.95
	DISNEY COMPUTER SOFTWARE		This is the full version of Hercules Animated Storybook for single users. This version runs on Windows and Macintosh systems.		

FIG. 5



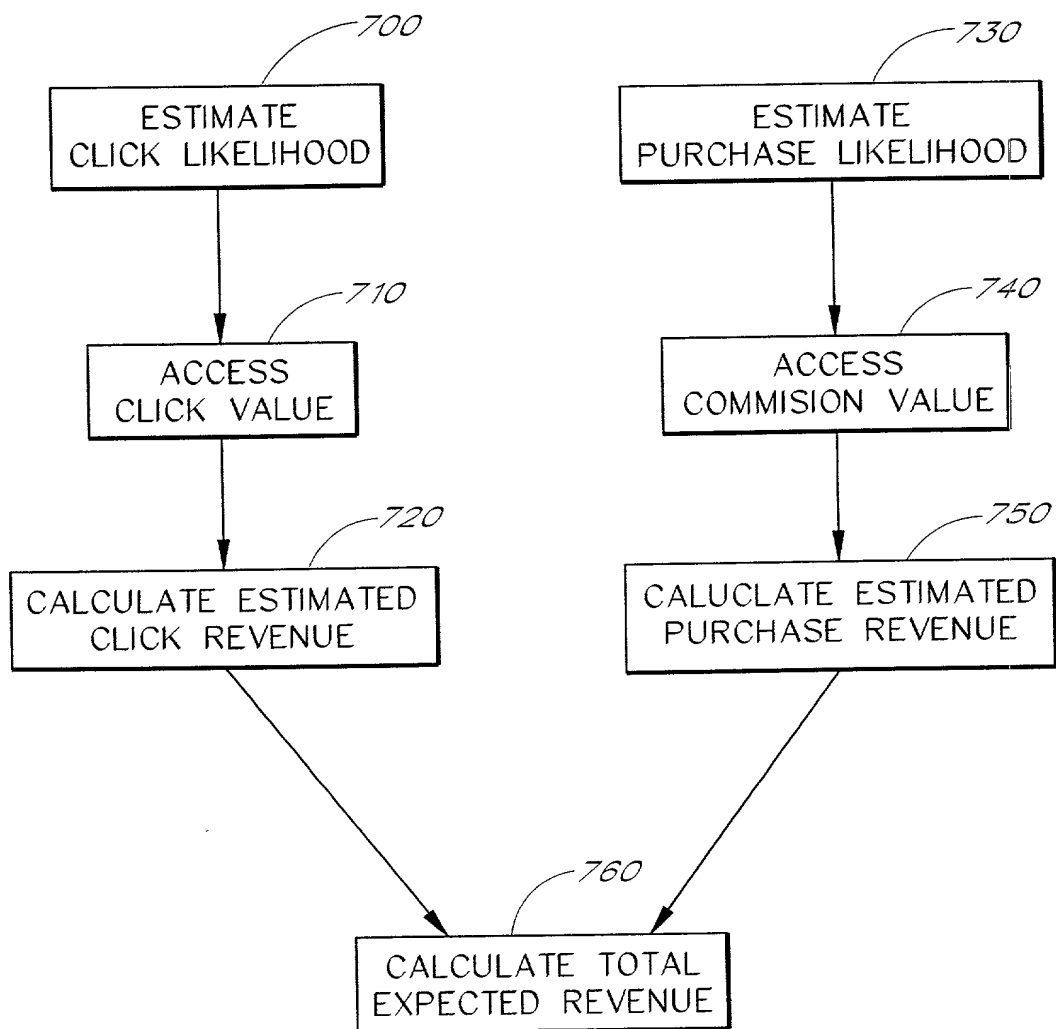


FIG. 7